

In the Claims:

Please amend the claims pursuant to 37 CFR 1.121 as follows:

Claims 1-13 (Previously Cancelled).

14. (Currently Amended): A method for demounting and remounting of at least one of a plurality of hammers (1.3), hammer axles (1.5) and protective caps (1.4) of a rotor (1) of a hammer crusher by utilizing a hammer axle pulling device (2), comprising the steps of:

- a) exposing the rotor (1), which remains mounted in at least part of the housing, and rotating and securing the rotor in an upper dead center position of the respective hammer axle (1.5);
- b) affixing a pulling head (2.2) on an exposed end of the hammer axle (1.5);
- c) ~~mounting~~ positioning a cross member (2.1) with a plurality of first fixing elements (2.3) of ~~[[a]] the hammer axle pulling device (2) in a position in which~~ so that the first fixing elements (2.3) match corresponding second fixing elements (1.6) on a front face of the rotor (1);
- d) pulling ~~disengaging~~ a releasable element (2.5) of a slide (2.4) of the hammer axle pulling device (2) ~~and keeping said releasable element (2.5) available~~ so that the pulling head (2.2) may be displaced relative to the slide (2.4);
- e) producing a rigid and subsequently releasable connection between the first fixing elements (2.3) of the cross member (2.1) and the second fixing elements (1.6) of the rotor (1);
- f) advancing the slide (2.4) of the hammer axle pulling device (2) to a first position in which the pulling head (2.2) is affixed on the hammer axle (1.5) ~~is connected~~ and locked to the slide (2.4) ~~with a positive fit by means of engaging~~ the releasable element (2.5);
- g) securing the position of at least one of the hammers (1.3) and ~~optionally, of~~ the protective caps (1.4);
- h) retracting the slide (2.4) of the hammer axle pulling device (2) and simultaneously pulling the hammer axle (1.5) out to a ~~first~~ second position in which at least one of the hammers (1.3) or ~~one of~~ the protective cap caps (1.4) can be removed freely;
- i) disengaging the releasable element (2.5) thereby releasing the releasable connection between the pulling head (2.2) and the slide (2.4) ~~using the releasable element (2.5);~~

- j) advancing the slide (2.4) to a ~~second~~ third position in which the pulling head (2.2) is again connected to the slide (2.4) with a positive fit;
- k) retracting the slide (2.4) and pulling the hammer axle (1.5) out to a fourth position in which at least one of all of the hammers (1.3) and/or, protective caps (1.4) and optionally the hammer axle axles (1.5) are removed, ~~for finishing the demounting step;~~
- l) ~~remounting by initially advancing the slide (2.4) connected to the new hammer axle (1.5), while subsequently reversing the order of the steps b) to k), and reversing the corresponding operational steps from the installation of the hammers (1.3) and/or protective caps (1.4) to the release of the fixing elements (2.3) of the cross member (2.1) of the slide (2.4) from the fixing elements (1.6) of the rotor (1) and removal of the cross member (2.1) by retracting the slide (2.4), and releasing the attachment of the pulling head (2.2) to the hammer axle (1.5) and placing the rotor (1) in the ready state for the comminution process.~~

15. (Currently Amended) The method ~~[[of]]~~ according to claim 14, wherein steps a) to k) are repeated according to the remaining number of hammer axles (1.5) ~~to be exchanged in the rotor (1) and/or the, hammers (1.3) and/or protective caps (1.4) to be exchanged in the rotor (1).~~

16. (Currently Amended) The method ~~[[of]]~~ according to claim 14, wherein step a) further ~~comprising the step of releasing/remounting~~ comprises releasing a locking element that secures the hammer axle (1.5) on the rotor (1).

17. (Currently Amended) The method according to claim 14 , wherein ~~in process~~ step e) ~~the releasable connection with locking lever (2.6) secured by nuts (2.7) is established by~~ comprises rotating a locking lever (2.6) and the first fixing elements (2.3) of the cross member (2.1), ~~which are formed as hammer head screws, and by engaging so as to engage the first fixing elements~~ behind the second fixing elements (1.6) of the rotor (1), ~~which are formed as openings or slots,~~ whereby the cross member (2.1) is affixed to the rotor (1).

18. (Currently Amended) The method according to claim 14, wherein, ~~during a phase where a~~ at least one of the hammer (1.3) and protective cap (1.4) are partially worn-out, further comprising the steps of:

dismounting by rotating the at least one partially worn-out hammer (1.3) and/or a and the protective cap (1.4) can be demounted, a partially worn-out element (1.3, 1.4) can be remounted in the opposite effective direction by rotating the element 180°; and

remounting by rotating in the opposite effective direction by 180° the at least one partially worn-out hammer (1.3) and the protective cap (1.4).

19. (Currently Amended) A device for demounting and remounting of at least one of a plurality of hammers, hammer axles and protective caps of a rotor of a hammer crusher, comprising:

a drive unit (2.8) connected to a lockable slide (2.4), [[with]] the drive unit (2.8) including a cross member (2.1) with first fixing elements (2.3) ~~for attachment~~ attachable to a rotor (1) of [[a]] the hammer crusher (not shown), wherein both the entire slide (2.4) as well as and the cross member (2.1) ~~and the drive unit (2.8) can move~~ are movable together relative to the rotor (1) and the slide (2.4) is movable relative to one another, the cross member (2.1); and

a pulling head (2.2) ~~which is, on one hand, affixed on~~ releasably affixable to the hammer axle (1.5) and, ~~on the other hand, connected~~ connectable to the slide (2.4) so as to be capable of assuming several relative positions thereto.

20. (Currently Amended) The device of claim 19, wherein the drive unit (2.8) ~~is made of~~ comprises two hydraulic cylinders (2.8.1, 2.8.2) ~~which are~~ affixed [[on]] to the slide (2.4) ~~and whose, each hydraulic cylinder (2.8.1, 2.8.2) including a respective piston [[rods]] rod (2.8.3, 2.8.4) [[are]], the piston rods (2.8.3, 2.8.4) being~~ connected by the cross member (2.1).

21. (Currently Amended) The device of claim 19, wherein the drive unit (2.8) comprises an electric motor with a spindle, ~~wherein~~ the spindle [[is]] being connected to the cross member (2.1) by a threaded element.

22. (Currently Amended) The device according to claim 19, wherein the rotor (1) includes an end disk (1.2) and cross member (2.1) has hammer head screws forming the first fixing elements (2.3) are hammer head screws, ~~which~~ that engage in corresponding slots or openings (1.6) ~~of an defined in the end disk (1.2) or a similar element of the rotor (1), which~~

~~through rotation by, the device further including locking levers (2.6) engage engageable~~ behind the end disk (1.2) and ~~are secured by nuts (2.7), wherein in this~~ so as to maintain a position of the cross member (2.1) ~~is in a rigid and releasable connection with~~ relative to the rotor (1).

23. (Currently Amended) The device according to claim 19, wherein the pulling head (2.2) is connected to the slide (2.4) by a releasable element (2.5), ~~such as an insertable interlocking element.~~

24. (Currently Amended) The device according to claim ~~[[19]]~~ 23, wherein the releasable element (2.5) ~~[[can]]~~ is adapted to lock the pulling head (2.2) on the slide (2.4) in several ~~spacings/positions~~ positions and wherein the slide (2.4) has several suitable insertion positions therefor.

25. (Currently Amended) The device of claim ~~[[19]]~~ 20, wherein, when the piston rods (2.8.3, 2.8.4) are retracted, the slide (2.4) is arranged at a spacing in ~~[[the]]~~ an axial direction of the rotor (1) which corresponds to the length of the ~~respective~~ hammer axle (1.5) plus tolerances, divided by ~~[[the]]~~ a required ~~or desired~~ number of strokes for pulling the hammer axle (1.5) completely out from the rotor (1), whereby the respective position assumed by the pulling head (2.2) relative to that of the slide (2.4) is locked by ~~[[the]]~~ a releasable element (2.5).

26. (Currently Amended) The device according to claim 19, wherein the hammer axle (1.5), after having been completely pulled out from the rotor (1), rests in the slide (2.4) and is ~~capable of being exchanged~~ exchangeable against a new hammer axle (1.5), wherein its placement in the rotor (1) corresponds to the ~~demounting and/or mounting~~ same position in the ~~rotor (1)~~ slide (2.4).

27. (New) The method according to claim 14, further comprising the following remounting steps:

- positioning a new hammer axle (1.5) on the slide (2.4);
- advancing the slide (2.4) so as to connect with the pulling head (2.2);

release of the first fixing elements (2.3) of the cross member (2.1) of the slide (2.4) from the second fixing elements (1.6) of the rotor (1);

retracting the slide (2.4) so as to disengage the pulling head (2.2) relative to the hammer axle (1.5); and

positioning the rotor (1) in a ready state for comminution processing.

28. (New) The device according to claim 23, wherein the releasable element (2.5) is an insertable interlocking element.